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A COCAINE BIBLIOGRAPHY—NONANNOTATED



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8. A Cocaine Bibliography — Nonannotated
9. Drug Themes in Science Fiction
10. Drug Themes in Fiction

Cover Illustration

William Blake. The figure of Urizen or the Ancient of Days.
Frontispiece from *Europe*. Illuminated printing.

**A COCAINE BIBLIOGRAPHY
NONANNOTATED**

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NOVEMBER 1974

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Rockville, Maryland 20852

510-
N17240

This volume, part of a Research Issues Series, was prepared for the National Institute on Drug Abuse by Wynne Associates, 3804 Legation Street, N.W., Washington, D.C., under Contract Number HSM-45-74-144.

INTRODUCTION

This bibliography includes over 1,800 references from the scientific and popular literature on the socio-psychological, bio-medical, political and economic aspects of cocaine and, to a lesser extent, coca, from 1585 to the present. The most extensive bibliography yet compiled in the field, it is one of the products of contract ADM-45-74-144, The Facts and Myths About Human Cocaine Use and Abuse, between Wynne Associates of Washington, D.C., and the Division of Research, National Institute on Drug Abuse, ADAMHA, DHEW.

The final report of this project will be a monograph that hopefully will serve as a major basic reference source for those interested in the study of cocaine and its effects. It will incorporate annotations of the major references in the field, statistical information concerning the use and abuse of cocaine, and the results of a brief field study of current street myths and rituals involving cocaine. This bibliography, in effect, is a listing of the body of literature to be examined in development of the monograph.

A variety of research sources were consulted, including computer-based information and retrieval services (MEDLINE); current awareness services (DACAS); major indices (Dissertation Abstracts, Drug Dependence Index, Psychological Abstracts, Readers Guide to Periodical Literature, and Index Medicus); and the major scientific and technical journals (in particular, the Journal of the American Medical Association and the Journal of Pharmacology and Experimental Therapeutics). The Index Medicus proved the single most productive source.

To facilitate access for the reader, the bibliography is subdivided into four major sections:

1. Newspaper stories and articles from the popular literature.
2. Books on cocaine and coca;
3. Documents, pamphlets and government publications;
4. Scientific and technical journal articles, with a special subsection listing anonymous articles published in the Journal of the American Medical Association 1899-1974

The more than 400 journals cited in this bibliography follow the abbreviation format used in Index Medicus. Over the years, however, there have been some changes in this format. For instance, the Journal of the American Medical Association was formerly cited as J. Am. Med. Ass., but the current convention is to cite it as J.A.M.A.

To help the reader avoid any confusion from these historical discrepancies, we provide a listing of the journals cited, with their appropriate abbreviation(s). Further, since many of the cited journals are of foreign and/or non-English-language origin, this listing will facilitate their ready identification.

In an Appendix, we provide several analyses of the 1,820 items in the bibliography, by Format (book, article, etc.), General content (11 subject categories), Language of original publication, and Year of publication.

Joel L. Phillips
Ronald D. Wynne, PhD.
Wynne Associates
Washington, D.C.
November 1974



A Coca Branch

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The Inca Sun God presents the gift of Coca.

INDEX OF JOURNALS

INCLUDED IN BIBLIOGRAPHY

AMB; REVISTA da ASSOCIACAO MEDICA BRASILEIRA (Sao Paulo) see REVISTA da ASSOCIACAO MEDICA BRASILEIRA (Sao Paulo)

ASDC; JOURNAL of DENTISTRY for CHILDREN (Chicago) see JOURNAL of DENTISTRY for CHILDREN (Chicago)

ACTA ANAESTHESIOLOGICA BELGICA (Bruxelles) Acta Anaesthesiol. Belg.

ACTA ANAESTHESIOLOGICA SCANDINAVICA (Aarhus) Acta Anaesthesiol. Scand.

ACTA ANESTHESIOLOGICA SCANDINAVICA SUPPLEMENT (Aarhus) Acta Anesthesiol. Scand. [Suppl.]

ACTA BIOCHIMICA et BIOPHYSICA ACADEMIAE SCIENTIARUM HUNGARICAE (Budapest) Acta Biochim. Biophys. Acad. Sci. Hung.

ACTA BIOLOGICA et MEDICA (Gdansk) Acta Biol. Med. (Gdansk)

ACTA BIOLOGICA et MEDICA GERMANICA (Berlin) Acta Biol. Med. Ger.

ACTA MEDICA (Fukuoka) Acta Med. (Fukuoka) title in Jap. IGAKU KENKYU

ACTA MEDICA BIOLOGIA (Niigata) Acta Med. Biol. (Niigata)

ACTA MEDICA IUGOSLAVICA (Beograd) Acta Med. Iugosi.

ACTA OPHTHALMOLOGICAL (Kobenhavn) Acta Ophthalmol. (Kbh) (also, Acta Ophth.)

ACTA OTO-LARYNGOLOGICA (Stockholm) Acta Oto-Laryng.

ACTA OTO-LARYNGOLOGICA (Stockholm) Acta Otolaryngol. (Stockh)

ACTA OTO-LARYNGOLOGICA. SUPPLEMENT (Stockholm) Acta Otolaryngol. [Suppl.] (Stockh)

ACTA OTO-RHINO-LARYNGOLOGICA BELGICA (Bruxelles) Acta Otorhinolaryngol. Belg.

ACTA OTO-RINO-LARINGOLOGICA IBERO-AMERICANA (Barcelona) Acta Otorinolaryngol. Iber. Am.

ACTA PHARMACEUTICA HUNGARICA (Budapest) Acta Pharm. Hung.

ACTA PHARMACOLOGICA et TOXICOLOGICA (Kobenhavn) Acta Pharmacol. Toxicol. (Kbh)

ACTA PHARMACOLOGICA et TOXICOLOGICA (Kobenhavn) Acta Pharmacol. Toxicol. [Suppl.] (Kbh)

ACTA PHYSIOLOGICA LATINO AMERICANA (Buenos Aires) Acta Physiol. Lat. Am.

ACTA PHYSIOLOGICA SCANDINAVICA (Stockholm) Acta Physiol. Scand.

ACTA POLONIAE PHARMACEUTICA (Warszawa) Acta Pol. Pharm.

ADVANCES in OPHTHALMOLOGY (Basel) Adv. Ophthalmol. formerly a subseries of BIBLIOTHECA OPHTHALMOLOGICA (Basel)

ADVANCES in OTO-RHINO-LARYNGOLOGY (Basel) Adv. Otorhinolaryngol. formerly BIBLIOTHECA OTO-RHINO-LARYNGOLOGICA; Supplementa ad PRACTICA OTO-RHINO-LARYNGOLOGICA (Basel)

AERZTLICHE FORSCHUNG (Munchen) Aerztl. Forsch.

AERZTLICHE RUNDSCHAU Aerztl. Rundschau.

AESTHETISCHE MEDIZIN; MEDIZINISCHE KOSMETIK (Berlin) Aesthet. Med. (Berl) changed to COSMETOLOGICA (Berlin)

AKTUELLE OTO-RHINO-LARYNGOLOGIE
(Stuttgart) Aktuel. Otorhinolaryngol.

ALBRECHT von GRAEFES ARCHIV fur
KLINISCHE und EXPERIMENTELLE
OPHTHALMOLOGIE (Berlin) Albrecht
von Graefes Arch. Klin. Ophthalmol.
formerly ALBRECHT von GRAEFES ARCHIV
fur OPHTHALMOLOGIE vereingt mit
ARCHIV fur AUGENHEILKUNDE (Munchen)

AMERICAN HEART JOURNAL (St. Louis)
Am. Heart J.

AMERICAN JOURNAL of HOSPITAL
PHARMACY (Washington) Am. J. Hosp.
Pharm.

AMERICAN JOURNAL of MEDICINE (New
York) Am. J. Med.

AMERICAN JOURNAL of the MEDICAL
SCIENCES (Thorofare, N. J.)
Am. J. Med. Sci.

AMERICAN JOURNAL of OPHTHALMOLOGY
(Chicago) Am. J. Ophthalmol.

AMERICAN JOURNAL OF ORTHODONTICS
(St. Louis) Am. J. Orthod.

AMERICAN JOURNAL of PHARMACY
and the SCIENCES SUPPORTING PUBLIC
HEALTH (Philadelphia) Am. J. Pharm.
formerly AMERICAN JOURNAL of PHARMACY
(Philadelphia)

AMERICAN JOURNAL of PHYSIOLOGY
(Bethesda) Am. J. Physiol.

AMERICAN JOURNAL of PUBLIC HEALTH
(New York) Am. J. Public Health
formerly AMERICAN JOURNAL of PUBLIC
HEALTH and the NATION'S HEALTH (New
York)

AMERICAN JOURNAL OF SOCIOLOGY
(Chicago) Am. J. Sociol.

AMERICAN JOURNAL of SURGERY (New
York) Am. J. Surg.

AMERICAN JOURNAL of VETERINARY
RESEARCH (Chicago) Am. J. Vet. Res.

AMERICAN MEDICAL ASSOCIATIONS
ARCHIVES of OTOLARYNGOLOGY
A. M. A. Arch. Otolaryng.

AMERICAN SCIENTIST (New Haven)
Am. Sci.

AMERICAN SURGEON (Philadelphia)
Am. Surg.

ANAESTHESIA (London) Anaesthesia

ANAESTHESIST (Berlin) Anaesthesist

ANALES de CIRUGIA (Rosario)
An. Cir. (Rosario)

ANALES de la FACULTAD de MEDICINA
UNIVERSIDAD NACIONAL MAYOR de SAN
MARCOS de LIMA An. Fac. Med. Lima
changed to ANALES del PROGRAMA
ACADEMICO de MEDICINA (Lima)

ANALES del PROGRAMA ACADEMICO de
MEDICINA, UNIVERSIDAD NACIONAL
MAYOR de SAN MARCOS (Lima)
An. Acad. Med. (Lima) formerly
ANALES de la FACULTAD de
MEDICINA, UNIVERSIDAD NACIONAL
MAYOR de SAN MARCOS de LIMA

ANALYTICA CHIMICA ACTA (Amsterdam)
Anal. Chim. Acta.

ANALYST (Cambridge, Eng.) Analyst

ANESTHESIA and ANALGESIA; CURRENT
RESEARCHES (Cleveland) Anesth.
Analg. (Cleve)

ANESTHESIE, ANALGESIE, REANIMA-
TION (Paris) Anesth. Analg.
(Paris)

ANESTHESIOLOGY (Philadelphia)
Anesthesiology

ANGEIOLOGIE (Paris) Angeliologie

ANNALES de BIOLOGIE CLINIQUE (Paris)
Ann. Biol. Clin. (Paris)

ANNALES de CHIRURGIE (Paris)
Ann. Chir.

ANNALES de DERMATOLOGIE et
SYPHILIGRAPHIE (Paris) Ann.
Dermatol. Syphiligr. (Paris)

ANNALES de MEDICINE et de PHARMACIE
COLONIALES Ann. de Med. et de Pharm.
Colon.

ANNALES d'OCULISTIQUE Ann.
d'Ocul.

ANNALS of the NEW YORK ACADEMY of
SCIENCES Ann. N. Y. Acad. Sci.

ANNALES ODONTO-STOMATOLOGIQUES
(Lyon) Ann. Odontostomatol. (Lyon)

ANNALES d'OTO-LARYNGOLOGIE
Ann. Oto-Laryng.

ANNALES d'OTO-LARYNGOLOGIE et de
CHIRURGIE CERVICO-FACIALE (Paris)
Ann. Otolaryngol. Chir. Cervicofac.
formerly ANNALES d'OTO-LARYNGOLOGIE
(Paris)

ANNALES MEDICINAE EXPERIMENTALIS ET
BIOLOGIÆ FENNIAE Ann. Med. Exp.
Biol. Fenn.

ANNALES MEDICO-PSYCHOLOGIQUES
(Paris) Ann. Med. Psychol.

ANNALES PHARMACEUTIQUES
FRANCAISE (Paris) Ann. Pharm. Fr.

ANNALI dell'ISTITUTO SUPERIORE
de SANITA (Roma) Ann. Ist.
Super. Sanita supersedes
RENDICONTI; ISTITUTO SUPERIORE
de SANITA (Roma)

ANNALI de OTTALMOLOGIA e CLINICA
OCULISTICA Ann. di Ottalmol. e
Clin. Ocul. (also, Ann.
Ottal. e Clin. Ocul.)

ANNALI di LARINGOLOGIA, OTOLOGIA,
RINOLOGIA, FARINGOLOGIA (Torino)
Ann. Laryngol.

ANNALI di MEDICINA NAVALE (Roma)
Ann. Med. Nav. (Roma)

ANNALI ITALIANI de CHIRURGIA
(Bologna) Ann. Ital. Chir.

ANNALS of DENTISTRY (New York)
Ann. Dent.

ANNALS of INTERNAL MEDICINE
(Philadelphia) Ann. Intern. Med.

ANNALS of OPHTHALMOLOGY (Chicago)
Ann. Ophthalmol.

ANNALS of OTOTOLOGY, RHINOLOGY and
LARYNGOLOGY (St. Louis)
Ann. Otol. Rhinol. Laryngol.

ANNALS of the ROYAL COLLEGE of
SURGEONS of ENGLAND (London) Ann.
R. Coll. Surg. Engl.

ANNALS of SURGERY (Philadelphia)
Ann. Surg.

ANNUAL REVIEW of PHARMACOLOGY
(Palo Alto) Annu. Rev. Pharmacol.

APTECHNOE DELO (Moskva)
Aptech. Delo.

ARBEITEN aus DEM NEUROLOGISCHEN
INSTITUTE an der WIENER UNIV-
ERSITAT. Arb. a. d. Neurol. Inst.
a. d. Wien. Univ.

ARBEITSPHYSIOLOGIE
Arbeitsphysiol.

ARCHIV fur die GESAMTE PHYSIOLOGIE
des MENSCHEN und der TIER.
Arch. f. d. Ges. Physiol.

ARCHIV fur EXPERIMENTELLE PATH-
OLOGIE und PHARMAKOLOGIE Arch.
f. Exper. Path. u. Pharmakol.
(also, Naunyn-Schmiedeberg's
Archiv. fur Exper. un Citele Pathol-
ogie und Pharmakologie).

ARCHIV fur JAPANISCHE CHIRURGIE
(Kyoto) Arch. Jap. Chir. title in
Japanese: NIPPON GEKA HOKAN

ARCHIV fur KLINISCHE und
EXPERIMENTELLE OHREN, NASEN und
KEHLKOPFHEILKUNDE (Berlin) Arch.
Klin. Exp. Ohren. Nasen. Kehkop-
fheikd. formerly ARCHIV. fur
OHREN; NASEN, und KEHLKOPFHEILKUNDE
vereinigt mit ZEITSCHRIFT fur
HALS; NASEN und OHRENHEILKUNDE
(Berlin)

ARCHIV der PHARMAZIE (Weinheim)
Arch. Pharm. (Weinheim) formerly
ARCHIV. der PHARMAZIE und BERICHT
der DEUTSCHEN PHARMAZEUTISCHEN
GESELLSCHAFT (Weinheim)

ARCHIV fur PHYSIKALISCHE
THERAPIE Arch. Phys. Ther. (Lpz.)

ARCHIVES des MALADIES de l'
APPAREIL DIGESTIF et NUTRITION.
Arch. d. Mal. de l'App. Digestif.

ARCHIVES of ENVIRONMENTAL HEALTH
(Chicago) Arch. Environ. Health.

ARCHIVES FRANCO-BELGES de
CHIRURGIE Arch. Franco-Belges.
de Chir.

ARCHIVES of GENERAL PSYCHIATRY
(Chicago) Arch. Gen. Psychiatry

ARCHIVES INTERNATIONALES de
PHARMACODYNAMIE et de THERAPIE
(Gand) Arch. Int. Pharmacodyn. Ther.

ARCHIVES INTERNATIONALES de
PHYSIOLOGIE et de BIOCHIMIE (Liege)
Arch. Int. Physiol. Biochim.

ARCHIVES ITALIENNES de BIOLOGIE
(Pisa) Arch. Ital. Biol.

ARCHIVES d'OPHTALMOLOGIE (Paris)
Arch. Ophthalmol. (Paris)

ARCHIVES of OPHTHALMOLOGY (Chicago)
Arch. Ophthalmol.

ARCHIVES of ORAL BIOLOGY (London)
Arch. Oral Biol.

ARCHIVES of OTOLARYNGOLOGY (Chicago)
Arch. Otolaryngol.

ARCHIVES of PEDIATRICS
Arch. Pediat.

ARCHIVES of SURGERY (Chicago)
Arch. Surg.

ARCHIVIO di FISIOLOGIA (Firenze)
Arch. Fisiol.

ARCHIVIO ITALIANO di BIOLOGIA
Arch. Ital. Biol.

ARCHIVOS de la SOCIEDAD of TALMO-
LOGICA HISPANO-AMERICANA Arch.
Soc. Oftal. Hispano-Am.

ARCHIVOS del INSTITUTO de
BIOLOGIA ANDINA (Lima)
Arch. Inst. Cardiol. Mex.

ARCHIVOS del INSTITUTO de
FARMACOLOGIA EXPERIMENTAL (Madrid)
Arch. Inst. Farmacol Exp. (Madr)

ARCHIVOS del INSTITUTO de
CARDIOLOGIA de MEXICO Arch.
Inst. Cardiol. Mexico

ARZNEIMITTEL-FORSCHUNG (Aulendorf)
Arzneim. Forsch. (also, Arzneimittel-
Forsch. or Arzneimittel-Forschung.

ATTI della ACCADEMIA MEDICA
LOMBARDA (Milano) Atti. Accad.
Med. Lomb.

AUSTRALIAN DENTAL JOURNAL (Sydney)
Aust. Dent. J.

AUSTRALIAN JOURNAL of EXPERIMENTAL
BIOLOGY and MEDICAL SCIENCE (Adelaide)
Aust. J. Exp. Biol. Med. Sci.

AUSTRALIAN and NEW ZEALAND
JOURNAL of MEDICINE (Sydney)
Aust. N. Z. J. Med. formerly
AUSTRALASIAN ANNALS of
MEDICINE (Sydney)

AUSTRALIAN and NEW ZEALAND
JOURNAL of SURGERY (Melbourne)
Aust. N. Z. J. Surg.

AZERBAIDZH MEDIZIN ZH.

Azerbaidzh. Med. Zh.

BEITRAEGE zur GERICHTLICHEN MEDIZIN
(Wien) Beitr. Gerichtl. Med.

BERICHTE über die VERSAMMLUNGEN
der DEUTSCHEN OPHTHALMOLOGI-
SCHEN GESELLSCHAFT. Ber. u. d.
Versamml. d. Deut. Sch. Opth. Gesellsch.

BIOCHEMICAL JOURNAL (London)
Biochem. J.

BIOCHEMICAL MEDICINE (New York)
Biochem. Med.

BIOCHEMICAL PHARMACOLOGY (New York)
Biochem. Pharmacol.

BIOCHIMIE (Paris) Biochimie formerly
BULLETIN de la SOCIETE de CHIMIE
BIOLOGIQUE (Paris)

BIOCHEMISTRY (Washington)
Biochemistry

BIOCHIMICA et BIOPHYSICA ACTA
(Amsterdam) Biochim Biophys. Acta

BIOMEDICINE: EXPRESS (Paris)
Biomedicine [Express]

BOLETIN de ESTUDIOS MEDICOS y
BIOLOGICOS (Mexico) Bol.
Estud. Med. Biol. formerly
BOLETIN del INSTITUTO de
ESTUDIOS MEDICOS y BIOLOGICOS (Mexico)

BOLLETTINO CHIMICO FARMACEUTICO
(Milano) Boll. Chim. Farm.

BOLLETTINO d'OCULISTICA Boll.
d' Ocul.

BOLLETTINO della SOCIETA ITALIANA
di BIOLOGIA SPERIMENTALE (Napoli)
Boll. Soc. Ital. Biol. Sper.

BRITISH DENTAL JOURNAL (London)
Br. Dent. J. (also, Brit. Dent. J.)

BRITISH JOURNAL of ADDICTION
(Edinburgh) Br. J. Addict.
(also, Brit. J. Addict.)

BRITISH JOURNAL of ANAESTHESIA
(Altrincham) Br. J. Anaesth.
(also, Brit. J. Anaesth.)

BRITISH JOURNAL of CLINICAL PRACTICE
(London) Br. J. Clin. Pract. (also,
Brit. J. Clin. Pract.)

BRITISH JOURNAL of EXPERIMENTAL
PATHOLOGY (London) Br. J. Exp.
Pathol. (also, Brit. J. Exp. Pathol.)

BRITISH JOURNAL of MEDICAL EDUCATION
(London) Br. J. Med. Educ. (also,
Brit. J. Med. Educ.)

BRITISH JOURNAL of OPHTHALMOLOGY
(London) Br. J. Ophthalmol.
(also, Brit. J. Ophthalmol.)

BRITISH JOURNAL of ORAL SURGERY
(Edinburgh) Br. J. Oral Surg.
(also, Brit. J. Oral Surg.)

BRITISH JOURNAL OF PHARMACOLOGY
(London) Br. J. Pharmacol.
(also, Brit. J. Pharmacol.)
formerly, BRITISH JOURNAL of
PHARMACOLOGY and CHEMOTHERAPY
(London)

BRITISH JOURNAL of PLASTIC SURGERY
(Edinburgh) Br. J. Plast. Surg.
(also, Brit. J. Plast. Surg.)

BRITISH JOURNAL of PREVENTIVE and
SOCIAL MEDICINE (London) Br. J.
Prev. Soc. Med. (also, Brit. J.
Prev. Soc. Med.)

BRITISH JOURNAL of PSYCHIATRY (London)
Br. J. Psychiatry (also, Brit. J.
Psychiatry)

BRITISH JOURNAL of PSYCHOLOGY
(London) Br. J. Psychol. (also,
Brit. J. Psychol.)

BRITISH JOURNAL of SOCIOLOGY
(London) Br. J. Sociol. (also,
Brit. J. Sociol.)

BRITISH JOURNAL OF SURGERY
(Bristol) Br. J. Surg. (also, Brit.
J. Surg.)

BRITISH MEDICAL BULLETIN (London)
Br. Med. Bull. (also, Brit. Med.
Bull.)

BRITISH MEDICAL JOURNAL (London)
Br. Med. J. (also, Brit. Med. J.)

BRUXELLES-MEDICAL Brux. Med.

BULLETIN de l'ACADEMIE ROYALE de
MEDECINE de BELGIQUE (Bruxelles)
Bull. Acad. R. Med. Belg.

BULLETIN de l'ACADEMIE de MEDICINE
Bull. Acad. de Med. (Paris)

BULLETIN de la SOCIETE Bull.
Soc. Clin. de Med. Ment.

BULLETIN de la SOCIETE BELGE d'OPHTAL-
MOLOGIE (Bruxelles) Bull. Soc.
Belg. Ophthalmol.

BULLETIN de la SOCIETE CHIMIQUE
de FRANCE (Paris) Bull. Soc. Chim. Fr.

BULLETIN de la SOCIETE FRANCAISE
de DERMATOLOGIE et de SYPHILIGRAPHIE
Bull. Soc. Franc. de Dermat. et
Syph.

BULLETIN de la SOCIETE INTERNAT-
IONALE de CHIRURGIE (Bruxelles)
Bull. Soc. Int. Chir.

BULLETIN de la SOCIETE des SCIENCES
MEDICALES du GRAND-DUCHE de
LUXEMBOURG Bull. Soc. Sci.
Med. Grand Duche Luxemb.

BULLETIN des SCIENCES PHARMACOLOGIQUES
Bull. d. Sc. Pharmacol.

BULLETIN des SOCIETES d'OPHTAL-
MOLOGIE de FRANCE (Paris) Bull.
Soc. Ophthalmol. Fr. (also, Bull.
Soc. Ophthalm. Fran.)

BULLETIN et MEMOIRES de la SOCIETE
des CHIRURGIENS de PARIS Bull. Mem.
Soc. Chir. Paris.

LE BULLETIN MEDICAL Bull. Med.
(Paris)

BULLETIN of NATIONAL INSTITUTE of
HYGIENIC SCIENCES (Tokyo) Bull.
Natl. Inst. Hyg. Sci. (Tokyo)
title in Japanese: EISEI
SHIKENJO HOKOKU

BULLETIN of the HISTORY of
MEDICINE (Baltimore) Bull. Hist. Med.

BULLETIN of the NEW YORK ACADEMY
of MEDICINE Bull. N. Y. Acad. Med

BULLETIN of the TOKYO MEDICAL and
DENTAL UNIVERSITY (Tokyo)
Bull. Tokyo Med. Dent. Univ.

BULLETIN of the WORLD HEALTH
ORGANIZATION (Geneve) Bull. WHO

BULLETIN on NARCOTICS (New York)
Bull. Narc.

BULLETINS et MEMOIRES de la SOCIETE
FRANCAISE d'OPHTALMOLOGIE (Paris)
Bull. Mem. Soc. Fr. Ophthalmol.

CALIFORNIA and WESTERN MEDICINE
Calif. W. Med.

CANADIAN ANAESTHETISTS'SOCIETY
JOURNAL (Toronto) Can. Anaesth.
Soc. J.

CANADIAN JOURNAL of BIOCHEMISTRY
(Ottawa) Can. J. Biochem. formerly,
CANADIAN JOURNAL of BIOCHEMISTRY
and PHYSIOLOGY (Ottawa)

CANADIAN JOURNAL of OPHTALMOLOGY
(MONTREAL) Can. J. Ophthalmol.

CANADIAN JOURNAL of PHYSIOLOGY and
PHARMACOLOGY (Ottawa)
Can. J. Physiol. Pharmacol. formerly
CANADIAN JOURNAL of BIOCHEMISTRY
and PHYSIOLOGY (Ottawa)

CANADIAN MEDICAL ASSOCIATION
JOURNAL (Toronto) Can. Med. Assoc.
J.

ČESKOSLOVENSKA DERMATOLOGIE (Praha)
Česk. Dermatol.

ČESKOSLOVENSKA FARMACIE (Praha)
Cesk. Farm.

ČESKOSLOVENSKA FYSIOLOGIE
(Praha) Česk. Fysiol.

ČESKOSLOVENSKA OTOLARYNGOLOGIE
(Praha) Česk. Otolaryngol.

CHEMOTHERAPY (Basel)
Chemotherapy formerly CHEMOTHERAPIA
(Basel)

CIRCULATION RESEARCH (New York)
Circ. Res.

CLINICA TERAPEUTICA (Roma)
Clin. Ter.

CLINICAL ANESTHESIA (Philadelphia)
Clin. Anesth.

CLINICAL BIOCHEMISTRY (Ottawa)
Clin. Biochem.

CLINICAL PHARMACOLOGY and
THERAPEUTICS (St. Louis) Clin.
Pharmacol. Ther.

CLINICAL SCIENCE (London)
Clin. Sci.

CLINICAL SURGERY (Tokyo)
Clin. Surg.

COMPARATIVE and GENERAL PHARMACOLOGY
(Bristol) Comp. Gen. Pharmacol.

COMPTES RENDUS HEBDOMADAIRES des
SEANCES de l'ACADEMIE des SCIENCES:
D: SCIENCES NATURELLES (Paris)
C. R. Acad. Sci. [D] (Paris)
formerly COMPTES RENDUS HEBDOMADAIRES
des SEANCES de l'ACADEMIE des
SCIENCES (Paris) (also, Compt.
Rend. Acad. d. Sci.)

COMPTES RENDUS des SEANCES de la
SOCIETE de BIOLOGIE et de SES
FILLIALES (Paris) C. R. Soc. Biol.
(Paris) (Compt. Rend. Soc. de Biol.)

CONNECTICUT MEDICINE (New Haven)
Conn. Med.

DANISH MEDICAL BULLETIN (Kobenhavn)
Dan. Med. Bull.

DENTAL CLINICS of NORTH AMERICA
(Philadelphia) Dent. Clin. North. Am.

DENTAL PRACTITIONER and DENTAL
RECORD (Bristol) Dent. Pract. Dent.
Rec. changed to JOURNAL of DENTISTRY
(Bristol)

DENTAL SUMMARY Dent. Summary

DERMATOLOGICA (Basel) Dermatologica

DEUTSCHE MEDIZINISCHE WOCHENSCHRIFT
(Stuttgart) Dtsch. Med. Wochenschr.
(also, Deutsch. Med. Wchnschr. or
Dtsch. Med. Wchnschr.)

DEUTSCHE TIERAERZTLICHE WOCHENSCHRIFT
(Hannover) Dtsch. Tieraeztl. Wochenschr.
(also, Deutsch. Tierarztl. Wchnschr.)

DEUTSCHES MEDIZINISCHES JOURNAL
(Berlin) Dtsch. Med. J. ceased
publication with Vol. 23, No. 12, Dec.
1972.

DISEASES of the NERVOUS SYSTEM
(Galveston) Dis. Nerv. Syst.

DOMINION DENTAL JOURNAL Dominion
Dent. J.

DRUG and THERAPEUTICS BULLETIN
(London) Drug Ther. Bull.

DRUGS (Basel) Drugs

DUODECIM (Helsinki) Duodecim

ENDOKRINOLOGIE (Leipzig)
Endokrinologie

EUROPEAN JOURNAL of BIOCHEMISTRY
(Berlin) Eur. J. Biochem.

EUROPEAN JOURNAL OF PHARMACOLOGY
(Amsterdam) Eur. J. Pharmacol.
(also, Europ. J. Pharmacol.)

EXPERIENTIA (Basel) Experientia

EXPERIMENTAL BIOLOGY and MEDICINE
(Basel) Exp. Biol. Med.

EXPERIMENTAL MEDICINE and SURGERY
(New York) Exp. Med. Surg.

EYE, EAR, NOSE and THROAT MONTHLY
(Chicago) Eye Ear Nose Throat Mon.

FARMACO; EDIZIONE PRATICA (Pavia)
Farmaco [Prat]

FARMACO; EDIZIONE SCIENTIFICA (Pavia)
Farmaco [Sci]

FARMACOTHERAPY ACTUAL
Farmacotherap. Actua.

FARMAKOLOGIJA I TOKSIKOLOGIJA
(Moskva) Farmakol. Toksikol.

FARMATSEVITYCHNYI ZHURNAL (Kiev)
Farm. Zh.

FIZIOLOGICHESKII ZHURNAL SSSR imeni
I. M. SECHENOVA (Moskva)
Fiziol. Zh. SSSR

FOLIA PHARMACOLOGICA JAPONICA
(Kyoto) Folia Pharmacol. Jap.
title in Japanese: NIPPON YAKURIGAKU
ZASSHI

FORTSCHRITTE der THERAPIE
Fortschr. d. Therap.

GACETA MEDICA de CARACAS
Gac. Med. Caracas

GAZETTE des HOSPITAUX Gaz.
d. Hop.

GAZZETTE LEKARSKI Gaz. Lek.

GAZETTE MEDICALE de NANTES
Gaz. Med. de Nantes

GIORNALE ITALIANO di CHEMIOTERAPIA
(Milano) G. Ital. Chemioter.

GIORNALE di MEDICA MILIANO
G. Med. Mil.

GIORNALE SOCIETA ITALIANA d'IGIEAE
Gior. Soc. Ital. Dig.

GJIORNALE di MEDICINA MILITARE
Gior. di Med. Mil.

GRAEFE ARCHIV KLINISCHE EXPERI-
MENTELLE OPHTALMOLOGIE
Graefe Arch. Klin. Exp. Ophthal.

GUY'S HOSPITAL GAZETTE
Guys Hosp. Gaz.

HEALTH SERVICES REPORT (Rockville,
Md.) Health Serv. Rep. formerly
HSMHA HEALTH REPORTS (Rockville, Md.)

HELVETICA ODONTOLOGICA ACTA (Zurich)
Helv. Odontol. Acta

HELVETICA PHYSIOLOGICA et PHARM-
ACOLOGICA ACTA Helv. Physiol.
Pharmacol. Acta (Suppl)

HYGIEA Hygiea

ILLINOIS MEDICAL JOURNAL (Chicago)
Ill. Med. J.

INDIAN JOURNAL of MEDICAL RESEARCH
(New Delhi) Indian J. Med. Res.

INFORMATIONAL DENTISTRY
Inform. Dent.

INTERNATIONAL ARCHIVES OF ALLERGIES
Int. Arch. Allerg.

INTERNATIONAL DENTAL JOURNAL (Den
Haag) Int. Dent. J.

INTERNATIONAL JOURNAL of the ADDIC-
TIONS (New York) Int. J. Addict.

INTERNATIONAL JOURNAL of CLINICAL
PHARMACOLOGY, THERAPY and
TOXICOLOGY (Munich) Int. J.
Clin. Pharmacol formerly
INTERNATIONALE ZEITSCHRIFT
fur KLINISCHE PHARMAKOLOGIE,
THERAPIE und TOXIKOLOGIE (Munich)

INTERNATIONAL JOURNAL of
NEUROLOGY (Montevideo) Int.
J. Neurol.

INTERNATIONAL JOURNAL of NEUROPHAR-
MACOLOGY Int. J. Neuropharm.

INTERNATIONAL JOURNAL of
NEUROSCIENCE (London) Int. J. Neurosci.

INTERNATIONAL JOURNAL of ORAL
SURGERY (Kobenhavn) Int. J.
Oral Surg.

INTERNATIONAL JOURNAL of
ORTHODONTICS (Lakewood, Calif.)
Int. J. Orthod.

INTERNATIONAL JOURNAL of PSYCHIATRY
(New York) Int. J. Psychiatry

INTERNATIONAL OPHTHALMOLOGY
CLINICS (Boston) Int. Ophthalmol.
Clin.

IRISH JOURNAL of MEDICAL SCIENCE
(Dublin) Ir. J. Med. Sci.

ISRAEL JOURNAL of MEDICAL SCIENCES
(Jerusalem) Isr. J. Med. Sci.
combines ISRAEL JOURNAL of
EXPERIMENTAL MEDICINE (Jerusalem)
and ISRAEL MEDICAL JOURNAL (Jerusalem)

JAMA (Chicago) see JOURNAL of the
AMERICAN MEDICAL ASSOCIATION
(Chicago)

JFMA: JOURNAL of the FLORIDA
MEDICAL ASSOCIATION (Jacksonville)
JFMA formerly JOURNAL of the
FLORIDA MEDICAL ASSOCIATION
(Jacksonville)

JAPANESE JOURNAL of ANESTHESIOLOGY
(Tokyo) Jap. J. Anesthesiol.
title in Japanese: MASUI

JAPANESE JOURNAL OF MEDICAL ELECTRONICS
and BIOLOGICAL ENGINEERING (Tokyo)
Jap. J. Med. Electron. title in
Japanese: IYODENSHI to SEITAI
KOGAKU

JAPANESE JOURNAL of MEDICAL SCIENCES
TRANSACTIONS VV Jap. J. M. Sc. Tr.
IV, Pharmacol.

JAPANESE JOURNAL of PHARMACOLOGY
(Kyoto) Jap. J. Pharmacol.

JAPANESE JOURNAL of PHYSIOLOGY
Jap. J. Physiol.

JAPANESE JOURNAL of SMOOTH MUSCLE
RESEARCH (Sendai) Jap. J. Smooth
Muscle Res. title in Japanese; NIPPON
HEIKATSUKIN GAKKAI ZASSHI

JAPANESE JOURNAL of SURGERY (Tokyo)
Jap. J. Surg. title in Japanese;
NIPPON GEKA GAKKAI ZASSHI

JAPANESE JOURNAL of VETERINARY
SCIENCE (Tokyo) Jap. J. Vet. Sci.

JOHNS HOPKINS MEDICAL JOURNAL
(Baltimore) Johns Hopkins Med. J.
formerly BULLETIN of the JOHNS
HOPKINS HOSPITAL (Baltimore)

JOURNAL of the AMERICAN DENTAL
ASSOCIATION (Chicago) J. Am.
Dent. Assoc.

JOURNAL of the AMERICAN MEDICAL
ASSOCIATION (Chicago) JAMA

JOURNAL of the AMERICAN
PHARMACEUTICAL ASSOCIATION
(Washington) J. Am. Pharm. Assoc.

JOURNAL of the AMERICAN VETERINARY
MEDICAL ASSOCIATION (Chicago)
J. Am. Vet. Med. Assoc.

JOURNAL of the ARKANSAS MEDICAL
SOCIETY (Fort Smith) J. Arkansas
Med. Soc.

JOURNAL of BIOCHEMISTRY (Tokyo)
J. Biochem. (Tokyo)

JOURNAL of BIOLOGICAL CHEMISTRY
(Baltimore) J. Biol. Chem.

JOURNAL of the CANADIAN DENTAL
ASSOCIATION (Toronto) J. Can.
Dent. Assoc.

JOURNAL CANADIEN de CHIRURGIE
(Toronto) see CANADIAN JOURNAL of
SURGERY (Toronto)

JOURNAL CANADIEN d'OPHTALMOLOGIE
(Montreal) see CANADIAN JOURNAL of
OPHTHALMOLOGY (Montreal)

JOURNAL de CHIRURGIE (Paris)
J. Chir. (Paris)

JOURNAL of the CHOSEN MEDICAL
ASSOCIATION J. Chosen M. A.

JOURNAL of the CHRISTIAN MEDICAL
ASSOCIATION
J. Christian M. A.

JOURNAL of CHROMATOGRAPHIC SCIENCE
(Niles, Ill.) J. Chromatogr. Sci.

JOURNAL of CHROMATOGRAPHY
(Amsterdam) J. Chromatogr.
incorporates CHROMATOGRAPHIC
REVIEWS (Amsterdam)

JOURNAL of CLINICAL PATHOLOGY
(London) J. Clin. Pathol.

JOURNAL of CLINICAL PATHOLOGY
SUPPLEMENT (London)
J. Clin. Pathol. [Suppl]

JOURNAL of CLINICAL PHARMACOLOGY
and NEW DRUGS (Stamford, Conn.)
J. Clin. Pharmacol. formerly
JOURNAL of CLINICAL PHARMACOLOGY
and JOURNAL of NEW DRUGS (New York)
and prior to that JOURNAL of NEW
DRUGS (New York)

JOURNAL of COMPARATIVE and
PHYSIOLOGICAL PSYCHOLOGY (Washington)
J. Comp. Physiol. Psychol.

JOURNAL of DENTAL RESEARCH (Chicago)
J. Dent. Res.

JOURNAL of DENTISTRY (Bristol)
J. Dent. formerly DENTAL PRACTITIONER
and DENTAL RECORD (Bristol)

JOURNAL EUROPEEN de TOXICOLOGIE
(Paris) see EUROPEAN JOURNAL of
TOXICOLOGY (Paris)

JOURNAL FRANCAIS d'OTO-RHINO-
LARYNGOLOGIE, AUDIO-PHONOLOGIE
et CHIRURGIE MAXILLO-FACIALE
(Lyon) J. Fr. Otorhinolaryngol.
formerly JOURNAL FRANCAIS
d'OTO-RHINO-LARYNGOLOGIE et
CHIRURGIE MAXILLO-FACIALE
(Paris)

JOURNAL of GENERAL PHYSIOLOGY
(Baltimore) J. Gen. Physiol.

JOURNAL of the INDIAN STATE MED-
ICAL ASSOCIATION (Indianapolis)
J. Indiana State Med. Assoc.

JOURNAL of INEBRIETY
J. Inebriety

JOURNAL of the IOWA MEDICAL SOCIETY
(Des Moines) J. Iowa Med. Soc.

JOURNAL of the IRISH MEDICAL
ASSOCIATION (Dublin) J. Ir.
Med. Assoc.

JOURNAL of the KANSAS MEDICAL SOCIETY
(Topeka) J. Kans. Med. Soc.
(also, J. Kansas M. Soc.)

JOURNAL OF LABORATORY and CLINICAL
MEDICINE (St. Louis) J. Lab.
Clin. Med.

JOURNAL of LARYNGOLOGY J. Laryngol.

JOURNAL of LARYNGOLOGY and OTOTOLOGY
(London) J. Laryngol Otol.

JOURNAL of LEGAL MEDICINE
(Berlin) see ZEITSCHRIFT fur RECHTS-
MEDIZIN (Berlin)

JOURNAL de MEDECINE de LYON
J. de Med. de Lyon

JOURNAL MEDICAL (Porto)
J. Med. (Porto)

JOURNAL of the MEDICAL ASSOCIATION
of GEORGIA (Atlanta) J. Med.
Assoc. Ga.

JOURNAL of the MEDICAL ASSOCIATION
of the STATE of ALABAMA (Montgomery)
J. Med. Assoc. State Ala.

JOURNAL of MEDICINAL CHEMISTRY
(Washington) J. Med. Chem.
formerly JOURNAL of MEDICINAL
and PHARMACEUTICAL CHEMISTRY
(New York)

JOURNAL of MEDICINE, EXPERIMENTAL
and CLINICAL (Basel) J. Med. (Basel)
formerly MEDICINA EXPERIMENTALIS
(Basel)

JOURNAL of MOUNT SINAI HOSPITAL
J. Mount Sinai Hosp.

JOURNAL of NERVOUS and MENTAL DISEASE
(Baltimore) J. Nerv. Ment. Dis.

JOURNAL of NEUROLOGY (Berlin)
see ZEITSCHRIFT fur NEUROLOGIE
(Berlin)

JOURNAL of ORAL MEDICINE (New York)
J. Oral Med. formerly JOURNAL
of DENTAL MEDICINE (New York)

JOURNAL OF ORAL PATHOLOGY
(Kobenhavn) J. Oral Pathol.

JOURNAL of ORAL SURGERY
(Chicago) J. Oral Surg.
formerly JOURNAL of ORAL SURGERY,
ANESTHESIA and HOSPITAL DENTAL
SERVICE (Chicago)

JOURNAL of ORGANIC CHEMISTRY
(Washington) J. Org. Chem.

JOURNAL of the OTO-LARYNGOLOGICAL
SOCIETY of AUSTRALIA (Melbourne)
J. Otolaryngol. Soc. Aust.

JOURNAL of OTOLARYNGOLOGY of JAPAN
(Tokyo) J. Otolaryngol. Jap.
formerly JOURNAL of the OTO-
RHINO-LARYNGOLOGICAL SOCIETY
of JAPAN (Tokyo)

JOURNAL of PHARMACEUTICAL SCIENCES
(Washington) J. Pharm. Sci.

JOURNAL of the PHARMACEUTICAL
SOCIETY of JAPAN (Tokyo) J.
Pharm. Soc. Jap. title in
Japanese: YAKUGAKU ZASSHI

JOURNAL de PHARMACIE de BELGIQUE
(Bruxelles) J. Pharm. Belg.

JOURNAL of PHARMACOLOGY and
EXPERIMENTAL THERAPEUTICS
(Baltimore) J. Pharmacol Exp. Ther.

JOURNAL of PHARMACY and PHARMACOLOGY
(London) J. Pharm. Pharmacol.

JOURNAL of PHYSICAL CHEMISTRY
(Washington) J. Phys. Chem.

JOURNAL of the PHYSIOLOGICAL SOCIETY
of JAPAN (Tokyo) J. Physiol. Soc.
Jap. title in Japanese: NIPPON SEIRAGAKU
ZASSHI

JOURNAL de PHYSIOLOGIE et de
PATHOLOGIE GENERALE J. de
Physiol. et Path. Gen.

JOURNAL de PHYSIOLOGIE (Paris)
J. Physiol. (Paris)

JOURNAL of PHYSIOLOGY (London)
J. Physiol. (London).

JOURNAL of PSYCHOLOGY (Province-
town) J. Psychol.

JOURNAL of PUBLIC HEALTH DENTISTRY
(Raleigh) J. Public Health Dent.

JOURNAL of the ROYAL COLLEGE
of GENERAL PRACTITIONERS
(Dartmouth, Engl.) J. R. Coll.
Gen. Pract. formerly JOURNAL of
the COLLEGE of GENERAL PRACTITIONERS
(Dartmouth, Engl.)

JOURNAL of the ROYAL COLLEGE
of PHYSICIANS of LONDON
J. R. Coll. Physicians Lond.

JOURNAL of the ROYAL COLLEGE of
SURGEONS of EDINBURGH J. R.
Coll. Surg. Edinb.

JOURNAL of the ROYAL NAVAL MEDICAL
SERVICE (Alverstoke) J. R. Nav. Med.
Serv.

JOURNAL of the ROYAL ARMY
MEDICAL CORPS J. R. Army
M. Corps.

JOURNAL of the SOUTH CAROLINA
MEDICAL ASSOCIATION (Florence)
J. SC Med. Assoc.

JOURNAL d'UROLOGIE J. Urol.

JOURNAL of UROLOGY J. Urol.

KAZAN MEDICAL JOURNAL Kazan Med. J.

KLINICHESKAIA MEDITSINA (Moskva)
Klin. Med. (Mosk.)

KLINIKA OCZNA; ACTA OPHTHALMOLOGICA
POLONICA (Warszawa) Klin. Oczna

KLINISCHE MONATSBLAETTER fur
AUGENHEILKUNDE (Stuttgart)
Klin. Monatsbl. Augenheilkd.
(also, Klin. Monatsld. f. Augenh.
and Klin. Mbl. Augenh. Klin.)

KLINISCHE WOCHENSCHRIFT (Berlin)
Klin. Wochenschr.

LANCET (London) Lancet

LANCET CLINIC Lancet Clinic

LARYNGOSCOPE (St. Louis)
Laryngoscope

LIFE SCIENCES; PART I: PHYSIOLOGY
and PHARMACOLOGY (New York)
Life Sci. [I] formerly LIFE
SCIENCES (Oxford)

LIFE SCIENCES; PART II: BIOCHEMISTRY,
GENERAL and MOLECULAR BIOLOGY
(New York) Life Sci [II] formerly
LIFE SCIENCES (Oxford)

LILLE MEDICAL Lille Med.

MAGYAR ORVOSI ARCHIVUM
Magyar Orvosi Arch.

MARITIME MEDICAL NEWS
Maritime M. News

MARYLAND STATE MEDICAL JOURNAL
(Baltimore) Md. State Med. J.

MEDICAL and BIOLOGICAL
ENGINEERING (Oxford) Med. Biol. Eng.
formerly MEDICAL ELECTRONICS and
BIOLOGICAL ENGINEERING (Oxford)

MEDICAL AGE Med. Age

MEDICAL HISTORY (London)
Med. Hist.

MEDICAL JOURNAL of AUSTRALIA
(Sydney) Med. J. Aust.

MEDICAL LETTER on DRUGS and
THERAPEUTICS (New York) Med.
Lett. Drugs Ther.

MEDICAL PHARMACOLOGIE
Med. Pharm.

MEDICIN des ACCIDENTS du
TRAVAIL Med. d. Accid. du Travail.

MEDICINA ALERGIA (Mex)
M. Alergia Mex)

MEDICINA EXPERIMENTALIS (Basel)
Med. Exp. (Basel)

MEDICO-LEGAL BULLETIN (Richmond)
Med. Leg. Bull.

MEDICO-LEGAL JOURNAL (Cambridge,
Engl.) Med. Leg. J.

MICHIGAN MEDICINE (East Lansing)
Mich. Med. formerly Journal of the
MICHIGAN STATE MEDICAL SOCIETY
(St. Paul, Mich.)

MILITARY MEDICINE (Washington)
Mil. Med.

MILITARY SURGEON Mil. Surgeon

MINERVA MEDICA (Torino)
Minerva Med.

MINNESOTA MEDICINE (St. Paul)
Minn. Med.

MONATSSCHRIFT fur OHRENHEILKUNDE
und LARYNGO-RHINOLOGIE (Wien)
Monatsschr. Ohrenheilkd. Laryngorhinol.
(also, Monatschr. f. Ohrenh.)

MUNCHENER MEDIZINISCHE WOCHEN-
SCHRIFT Munch. Med. Wochenschr.
(also, Munchen. Med. Wschr.)

NASEN-u-OHRENH Nasen-u-Ohrenh

NATURE (London) Nature

NATURE; NEW BIOLOGY (London)
Nature [New Biol.]

NAUNYN-SCHMIEDEBERG'S ARCHIVES
of PHARMACOLOGY (Berlin)
Naunyn Schmiedebergs Arch. Pharmacol.
formerly NAUNYN-SCHMIEDEBERGS
ARCHIV fur PHARMAKOLOGIE (Berlin)

NEDERLANDS TIJDSCHRIFT voor
GENEESKUNDE (Amsterdam)
Ned. Tijdschr. Geneesk.
(also, Nederl. Tijdschr. v
Geneesk.)

NEDERLANDS TIJDSCHRIFT voor de
PSYCHOLOGIE en HAAR GRENSGEBIEDEN
(Amsterdam) Ned. Tijdschr. Psychol.

NETHERLANDS JOURNAL of MEDICINE
(Amsterdam) Neth. J. Med. formerly
FOLIA MEDICA NEERLANDICA (Haarlem)

NEUROLOGY (Minneapolis)
Neurology (Minneap.)

NEUROPHARMACOLOGY (Oxford)
Neuropharmacology formerly
INTERNATIONAL JOURNAL of NEUROPHAR-
MACOLOGY (Oxford) (Int. J.
Neuropharmacol.)

NEW ENGLAND JOURNAL of MEDICINE
(Boston) N. Engl. J. Med.

NEW YORK JOURNAL of DENTISTRY
N. Y. J. Dent.

NEW ORLEANS MEDICAL and
SURGICAL JOURNAL New
Orleans M. & S. J.

NEW YORK STATE JOURNAL of
MEDICINE (New York) N. Y.
State J. Med.

NEW ZEALAND DENTAL JOURNAL
(Auckland) N. Z. Dent. J.

NEW ZEALAND MEDICAL JOURNAL
(Wellington) N. Z. Med. J.

NEW ZEALAND VETERINARY JOURN/
(Hamilton) N. Z. Vet. J.

NORDISK MEDICIN (Stockholm)
Nord. Med.

NORSK MAGAZIN for LAEGEVIDEN/
Nor. Mag. Lagvkn.

NORTH CAROLINA MEDICAL JOURN.
(Winston-Salem) N. C. Med. J.

NORTHWEST MEDICINE (Seattle)
Northwest Med.

NOUVELLE PRESSE MEDICALE (Paris)
Nouv. Presse Med. formerly
PRESSE MEDICALE (Paris)

ORL; JOURNAL for OTO-RHINO-
LARYNGOLOGY and ITS BORDERLANDS
(Basel) ORL formerly PRACTICA
OTO-RHINO-LARYNGOLOGICA (Basel)

OHIO STATE MEDICAL JOURNAL (Columbus)
Ohio State Med. J.

OPHTHALMOLOGICA (Basel) Ophthalmologica

ORAL SURGERY, ORAL MEDICINE
and ORAL PATHOLOGY (St. Louis)
Oral Surg.

ORAL SURGERY; TRANSACTION of the
INTERNATIONAL CONFERENCE on ORAL
SURGERY see TRANSACTIONS of the
INTERNATIONAL CONFERENCE on ORAL
SURGERY

ORVOSI HETILAP (Budapest) Orv. Hetil.
(also, Orvosi Hetil.)

OTOLARYNGOLOGIA POLSKA (Warszawa)
Otolaryngol Pol.

OTOLARYNGOLOGIC CLINICS of NORTH
AMERICA (Philadelphia) Otolaryngol
Clin. North Am.

OTOLARYNGOLOGY (Tokyo)
Otolaryngology (Tokyo)

OTO-RINO-LARINGOLOGIE (Bucuresti)
Otorinolaringologie

PACIFIC DENTAL GAZETTE.
Pacific Dent. Gaz.

PARIS MEDICALE
Paris Med.

PENNSYLVANIA MEDICINE (Harrisburg)
Pa. Med. formerly PENNSYLVANIA
MEDICAL JOURNAL (Harrisburg)

PFLUEGERS ARCHIV; EUROPEAN JOURNAL
of PHYSIOLOGY (Berlin)
Pfluegers Arch. formerly
PFLUEGERS ARCHIV für die GESAMTE
PHYSIOLOGIE des MENSCHEN und
der TIERE (Berlin)

PHARMACEUTICA ACTA HELVETIAE
(Zurich) Pharm. Acta Heiv.

PHARMACEUTISCH WEEKBLAD (Den
Haag) Pharm. Weekbl.

PHARMACOLOGICAL REVIEWS (Baltimore)
Pharmacol. Rev.

PHARMACOLOGY (Basel) Pharmacology
formerly MEDICINA et PHARMACOLOGIA
EXPERIMENTALIS (Basel)

PHARMAZEUTISCHE PRAXIS; Beilage
zur die PHARMAZIE (Berlin)
Pharm. Prax.

PHARMAZIE (Berlin) Pharmazie

PLANTA MEDICA (Stuttgart)
Planta Med.

POLISH MEDICAL JOURNAL (Warszawa)
Pol. Med. J. ceased publication
with Vol. 11, No. 6, 1972

POLSKA GAZETTE LEKARSKI
Polska Gaz. Lek.

POLSKI TYGODNIK LEKARSKI (Warszawa)
Pol. Tyg. Lek.

PRACTITIONER (London) Practitioner

PRENSA MEDICA ARGENTINA
Prensa Med. Argent.

PRESSE MEDICALE Presee Med.

PROBLEMES ACTUELS d'OPHTALMOLOGIE
(Basel) see MODERN PROBLEMS in OPH-
THALMOLOGY (Basel)

PROBLEMES ACTUELS d'OTO-RHINO-
LARYNGOLOGIE (Paris)
Probl. Actuels Otorhinolaryngol

PROBLEMY TUBERKULEZA (Moskva)
Probl. Tuberk.

PROCEEDINGS of the NATIONAL
ACADEMY of SCIENCES of the UNITED
STATES of AMERICA (Washington)
Proc Natl. Acad. Sci. USA

PROCEEDINGS of the ROYAL SOCIETY
of MEDICINE (London) Proc. R.
Soc. Med.

PROCEEDINGS of the SOCIETY for
EXPERIMENTAL BIOLOGY and
MEDICINE (New York) Proc. Soc.
Exp. Biol. Med.

PSYCHOPHARMACOLOGIA (Berlin)
Psychopharmacologia

PSYCHOPHARMACOLOGY BULLETIN;
NATIONAL CLEARINGHOUSE for MENTAL
HEALTH INFORMATION (Bethesda)
Psychopharmacol. Bull. formerly
PSYCHOPHARMACOLOGY SERVICE
CENTER BULLETIN (Bethesda)

PUBLIC HEALTH (London) Public
Health

PUBLIC HEALTH MONOGRAPHS (Washington)
Public Health Monogr.

PURE and APPLIED CHEMISTRY (London)
Pure Appl. Chem.

QUARTERLY BULLETIN NORTHWESTERN
UNIVERSITY MEDICAL SCHOOL
Quart. Bull. Northwestern Univ.
M. School

QUARTERLY JOURNAL of EXPERIMENTAL
PHYSIOLOGY and COGNATE MEDICAL
SCIENCES (Edinburgh) Q. J. Exp.
Physiol.

QUARTERLY JOURNAL of MEDICINE
(Oxford) Q. J. Med.

QUARTERLY MEDICAL REVIEW (Bombay)
Q. Med. Rev.

RASSEGNA di STUDI PSICHIATRICI
Rassegna di Studi Psichiat.

RASSEGNA di TERAPIE e. PATOLOGICA
CLINICA Rassegna di Terapie e. Pat.

RENDICANTI ISTITUTO SUPERIORE
di SANITA Rendic. Ist. Sup.
Sanita

REPORTS of MEETINGS of the
BRITISH ASSOCIATION for the
ADVANCEMENT of SCIENCE
Rep. Brit. Ass. Adv. Sc.

REPORTS on PUBLIC HEALTH and
MEDICAL SUBJECTS; GREAT BRITAIN,
DEPARTMENT of HEALTH and SOCIAL
SECURITY Rep. Public Health
Med. Subj. (Lond.)

RESENHA CLINICA Resenha Clin.

REVIEW of CZECHOSLOVAK MEDICINE
(Praha) Rev. Czech. Med.

REVISTA da ASSOCIACAO ARGENTINA
Rev. Assoc. Med. Argent.

REVISTA da ASSOCIACAO MEDICA
BRASILEIRA (Sao Paulo) Rev.
Assoc. Med. Bras.

REVISTA ESPANOLA de OTO-
NEURO-OFTALMOLOGIA y NEUROCIROGIA
(Valencia) Rev. Esp. Otoneurooftalmol
Neurocir.

REVISTA de ESPECIALIDADES
Rev. de Especialid.

REVISTA de MEDICINA EXPERIMENTAL
(Lima) Rev. Med. Exper. Lima

REVISTA de MEDICINA y CIRUGIA de
la HABANA Rev. de Med. y. Cir.
de la Habana

REVISTA MEDICA de CHILE (Santiago)
Rev. Med. Chil.

REVISTA de MEDICINA de la UNIVERSIDAD
de NAVARRA Rev. Med. Univ. Navarra

REVISTA SANITARIA MILITARA, Bucuresti
Rev. San. Mit. Bucuresti.

REVISTA de la SOCIEDAD ARGENTINA
de BIOLOGIA (Buenos Aires) Rev.
Soc. Argent. Biol.

REVUE BELGE de MEDECINE DENTAIRE
(Bruxelles) Rev. Belge Med. Dent.

REVUE CANADIENNE de BIOLOGIE
(Montreal) Rev. Can. Biol.

REVUE FRANCAISE d'ODONTOSTOMATOLOGIE
(Paris) Rev. Fr. Odontostomatol.
changes to REVUE d'ODONTO-STOM-
ATOLOGIE (Paris)

REVUE de LARYNGOLOGIE OTOL-
OGIE-RHINOLOGIE (Bordeaux) Rev.
Laryngol. Otol. Rhinol. (Bord.)

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COCAINE About LASH IN THE PAN
U.S. Worried About A PAIN IN THE ^{And the} Drug Smugglers
History

Coke: The Big New Easy-Entry Business

U.N. SEEKING COCAINE USED MOST BY DRUG ADDICTS
ON LEAF CHEWING

GERMANS GET COCAINE BY COALTAR PROCESS' RECORD SHIPMENT
OF COCAINE SEIZED
Illicit Traffic Cocaine

'Growing by Leap' Bounds' "... Cocaine is
hurst, and if t

One in 10 addicts
using cocaine: U.S.

FLOW OF ^{Narcotics} COCAINE

High School Users
At 1-IN-200 Ratio

Coca Means Cocaine; It's Also Way of Life

COCAINE: ^{AND CONTROL} Gets No Kick From ^{ASKS LAW} Cocaine
Smuggled In Water Skis

More than
1,000,000 Drug Users in U.S.

REP. It's The Real Zing! ... Drug
Rise in Cocaine Trade ^{UG} Cocaine Smuggling
Spotlight CASES

Cuba Called Leading Illicit Cocaine User

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Limitation of manufacture of narcotics. 1931, 96, 281.

Local anesthetics - cocaine. 1915, 64, 1318-1322.

Mescaline, marihuana and cocaine. 1940, 114, 182.

Methods used for improving athletic performance. 1940, 115, 1281.

Movements to combat drug addiction. 1929, 92, 329.

Operations under cocain. 1899, 32, 951.

Opium and cocaine inebriety (75 years ago). 1970, 214, 2251.

Pennsylvania - limits sale and prescribing of cocain. 1903, 41, 1495.

Photogenic properties of cocain. 1923, 80, 640.

Poisoning by cocain. 1908, 50.

Possibility of cocaine poisoning and treatment of convulsions. 1929, 92, 2123.

Preparation & Preservation of cocaine solution. 1938, 110, 1213.

Question of habit formation from coca in prescription. 1926, 87, 1323.

Reaction to cocaine used as a topical anesthetic in bronchoscopy: study of one thousand cases. 1955, 144, 562.

Relationship of cocaine to morphine poisoning. 1929, 92, 1473.

Relative toxicity of cocain and eucaïn. 1899, 33, 1226-1228.

Removal of superior maxillary branch of fifth nerve under cocain, for relief of neuralgia. 1900, 34, 138.

Requisite to justification of prescribing cocain. 1907, 48, 260.

Sale of cocain nostrums prohibited in Massachusetts. 1907, 48, 710.

Sensitivity to cocaine and iodine before bronchography. 1943, 120, 1250.

Specialists discuss medical and psychological aspects of drug abuse. 1970, 214, 1786-1788.

Spectroscopic analysis of saliva for alkaloids. 1942, 118, 432.

Spinal cocainization in obstetrics. 1901, 37, 569.

Spread of cocain traffic. 1922, 79, 569.

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Sterilization and preservation of cocain solution. 1937, 109, 977.

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Stricter regulations for prescribing opiates. 1931, 96, 706.

Substitutes for cocain. 1923, 80, 1529.

Substitutes for cocain in dentistry. 1916, 67, 693.

Surgical analgesia from injection of cocain under the limbar arachnoid. 1899, 33, 1652.

The abuse of cocaine. 1927, 89, 898.

The action of cocain. 1916, 66, 195-96.

The campaign against cocain. 1922, 78, 667.

The cocain evil in Calcutta. 1907, 48, 1689.

The cocain habit. 1900, 34, 1637.

The cocain habit. 1915, 65, 1914.

The cocain habit. 1922, 78, 1828.

The crusade against narcotics. 1928, 91, 580-581.

The discovery of the anesthetic properties of cocain. 1920, 74, 1592.

The durg treatment of alcohol, morphin and cocain habitues. 1910, 54, 794-795.

The fate of cocain in the body. 1913, 61, 1637.

The Geneva Conference on the Limitation of the Manufacture of Narcotic Drugs. 1931, 96, 1623-1624.

The New York cocain law. 1910, 54, 2049.

The prescribing of narcotics. 1929, 93, 1384.

The prevalence of the morphin and cocain habits. 1913, 60, 1363-1364.

The prophylaxis of cocaine and allied intoxicants. 1930, 95, 1839-40.

Toxicity of amphetamine. 1946, 126, 120.

Use of cocaine in gynecological surgery (75 years ago). 1966, 197, 14.

Validity of cocain ordinance - city cannot impose forfeiture of licenses. 1910, 54, 1165.



APPENDIX

AN ANALYSIS OF THE UNANNOTATED COCAINE BIBLIOGRAPHY: 1585 - 1974.

The following four tables present an analysis of the 1,820 items in the bibliography by Format, Content, Language of original publication and Year of publication.

With the assistance of Drs. Dan Lettieri and Michael Rolnick of NIDA's Division of Research, we developed a set of 11 subject matter categories, each defined by five to seven key words, for use in classifying the citations by content.

The content categories are:

1. Psycho-social
2. Socio-legal
3. Ethno-cultural
4. Treatment
5. Physiology-human studies
6. Physiology-animal studies
7. Behavioral-animal studies
8. Pharmacology
9. Chemical detection
10. Chemical properties
11. Botanical/cultivation

Much of the classification was largely subjective, however, since the majority of the references were categorized on the basis of their titles alone. This led to a certain arbitrariness, especially in attempting to distinguish pharmacological from physiological studies, many of which overlap. We did make several hard-and-fast classification decisions:

1. All references dealing with the medical use of cocaine were classified as Physiology-Human studies.
2. All references to the treatment of cocaine-related problems, such as overdoses, were classified as Treatment references.
3. Socio-legal references are those dealing exclusively with:
 - Trafficking (dealing, illegal importation);
 - Laws (international, Federal and state, that control the manufacturing, possession, sale or distribution of cocaine).
4. Psycho-social references encompass:
 - Clinical effects of cocaine (on depression, memory, intelligence, etc.);
 - Use and abuse patterns (incidence and prevalence studies);
 - Drug sub-culture customs and practices.

Table 1: Number of Citations by Format and General Content (N=1,820)

| | | |
|------|---|-----|
| I. | Books (total number 64) | |
| a. | Psycho-social | 23 |
| b. | Socio-legal | 6 |
| c. | Ethno-cultural | 3 |
| d. | Treatment | 2 |
| e. | Physiology-human studies | 7 |
| f. | Physiology-animal studies | 2 |
| g. | Behavioral-animal studies | 3 |
| h. | Pharmacology | 10 |
| i. | Chemical detection | 0 |
| j. | Chemical properties | 4 |
| k. | Botanical/cultivation | 4 |
| II. | Journal articles (total number 1,609) | |
| a. | Psycho-social | 112 |
| b. | Socio-legal | 47 |
| c. | Ethno-cultural | 33 |
| d. | Treatment | 71 |
| e. | Physiology-human studies | 373 |
| f. | Physiology-animal studies | 313 |
| g. | Behavioral-animal studies | 63 |
| h. | Pharmacology | 457 |
| i. | Chemical detection | 58 |
| j. | Chemical properties | 75 |
| k. | Botanical/cultivation | 7 |
| III. | Newspaper and magazine articles (total number 63) | |
| a. | Psycho-social | 28 |
| b. | Socio-legal | 22 |
| c. | Ethno-cultural | 5 |
| d. | Treatment | 0 |
| e. | Physiology-human studies | 1 |
| f. | Physiology-animal studies | 1 |
| g. | Behavioral-animal studies | 0 |
| h. | Pharmacology | 3 |
| i. | Chemical detection | 0 |
| j. | Chemical properties | 3 |
| k. | Botanical/cultivation | 0 |
| IV. | Documents (total number 84) | |
| a. | Psycho-social | 17 |
| b. | Socio-legal | 28 |
| c. | Ethno-cultural | 19 |
| d. | Treatment | 2 |
| e. | Physiology-human studies | 6 |
| f. | Physiology-animal studies | 0 |
| g. | Behavioral-animal studies | 1 |
| h. | Pharmacology | 3 |
| i. | Chemical detection | 2 |
| j. | Chemical properties | 5 |
| k. | Botanical/cultivation | 1 |

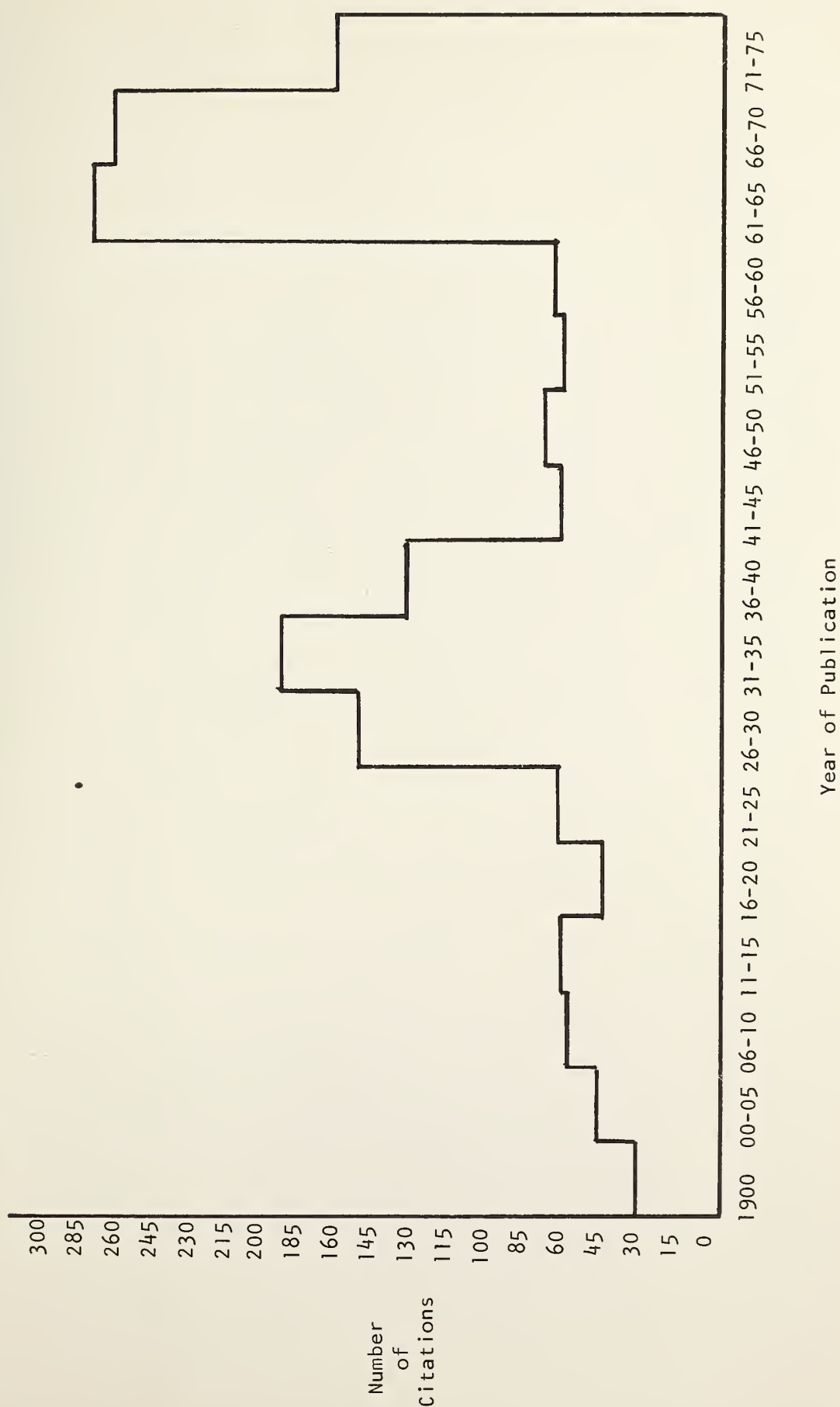
Table 2: Format and Content by Year of Publication

| Format and Content | Year of Publication | | | | | | | | | | | | | | | |
|---------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | to 1900 | 00-05 | 06-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 |
| Books | 5 | 4 | 1 | 2 | 1 | 3 | 2 | 4 | 1 | 0 | 1 | 3 | 3 | 5 | 19 | 10 |
| Newspaper articles | 0 | 1 | 2 | 11 | 2 | 3 | 5 | 1 | 1 | 2 | 2 | 2 | 0 | 2 | 4 | 25 |
| Documents | 2 | 0 | 2 | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 13 | 9 | 3 | 9 | 11 | 26 |
| Journal articles | 26: | 46: | 55: | 49: | 44: | 58: | 150: | 184: | 131: | 63: | 64: | 55: | 67: | 266: | 236: | 115: |
| psycho-social | (3) | (7) | (13) | (8) | (4) | (7) | (10) | (9) | (4) | (2) | (4) | (4) | (2) | (10) | (10) | (15) |
| socio-legal | (2) | (2) | (5) | (3) | (4) | (5) | (8) | (6) | (2) | (0) | (0) | (2) | (0) | (2) | (2) | (4) |
| ethno-cultural | (2) | (0) | (0) | (1) | (0) | (0) | (1) | (3) | (2) | (4) | (9) | (3) | (0) | (2) | (6) | (0) |
| treatment | (0) | (3) | (3) | (2) | (3) | (9) | (15) | (6) | (8) | (6) | (4) | (0) | (0) | (2) | (7) | (3) |
| physiology - | | | | | | | | | | | | | | | | |
| human studies | (7) | (30) | (28) | (23) | (14) | (15) | (47) | (51) | (26) | (20) | (21) | (17) | (6) | (33) | (24) | (11) |
| physiology - | | | | | | | | | | | | | | | | |
| animal studies | (0) | (0) | (0) | (2) | (7) | (2) | (33) | (40) | (36) | (10) | (6) | (7) | (12) | (68) | (71) | (19) |
| behavioral - | | | | | | | | | | | | | | | | |
| animal studies | (0) | (0) | (0) | (1) | (1) | (2) | (3) | (3) | (0) | (3) | (2) | (2) | (1) | (8) | (19) | (18) |
| pharmacology | (4) | (2) | (5) | (4) | (4) | (7) | (25) | (44) | (38) | (15) | (13) | (15) | (41) | (125) | (85) | (30) |
| chemical detection | (0) | (1) | (0) | (3) | (0) | (1) | (1) | (10) | (8) | (1) | (3) | (2) | (2) | (9) | (4) | (13) |
| chemical properties | (6) | (1) | (1) | (2) | (6) | (10) | (7) | (12) | (7) | (2) | (2) | (3) | (3) | (5) | (8) | (0) |
| botanical | (2) | (0) | (0) | (0) | (1) | (0) | (0) | (0) | (0) | (0) | (0) | (0) | (0) | (2) | (0) | (2) |
| <hr/> | | | | | | | | | | | | | | | | |
| TOTAL CITATIONS | 33 | 51 | 60 | 62 | 47 | 66 | 158 | 190 | 134 | 66 | 80 | 69 | 73 | 282 | 270 | 176 |
| <hr/> | | | | | | | | | | | | | | | | |
| PERCENTAGE OF | | | | | | | | | | | | | | | | |
| TOTAL CITATIONS | 1.81 | 2.80 | 3.30 | 3.41 | 2.58 | 3.63 | 8.68 | 10.44 | 7.36 | 3.63 | 4.40 | 3.79 | 4.01 | 15.49 | 14.84 | 9.67 |

Table 3: Cocaine Citations by Original Language, Format and General Content

| Format | Language | | | | | |
|---|----------|--------|--------|---------|---------|-------|
| | English | French | German | Spanish | Italian | Other |
| Books (total number 64) | 48 | 13 | 1 | 1 | 0 | 1 |
| Newspaper and magazine articles (total number 63) | 59 | 0 | 0 | 4 | 0 | 0 |
| Documents (total number 84) | 82 | 0 | 0 | 2 | 0 | 0 |
| Journal articles (total number 1,609) | 954: | 215: | 210: | 64: | 62: | 104: |
| psycho-social | (96) | (1) | (7) | (3) | (5) | (0) |
| socio-legal | (37) | (0) | (8) | (0) | (0) | (1) |
| ethno-cultural | (11) | (1) | (4) | (17) | (0) | (0) |
| treatment of abusers | (43) | (4) | (11) | (4) | (6) | (3) |
| physiology-human studies | (214) | (54) | (50) | (17) | (20) | (18) |
| physiology-animal studies | (149) | (68) | (49) | (5) | (12) | (30) |
| behavioral-animal studies | (47) | (7) | (5) | (2) | (1) | (1) |
| pharmacology | (276) | (57) | (63) | (10) | (8) | (43) |
| chemical detection | (32) | (11) | (3) | (2) | (7) | (3) |
| chemical properties | (45) | (10) | (9) | (4) | (3) | (4) |
| botanical/cultivation | (4) | (1) | (1) | (0) | (0) | (1) |
| TOTAL CITATIONS | 1,143 | 228 | 211 | 71 | 62 | 105 |
| PERCENTAGE OF TOTAL CITATIONS | 62.80 | 12.52 | 11.59 | 3.90 | 3.43 | 5.76 |

Table 4: Cocaine Citations by Year of Original Publication







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